

INTERNATIONAL SEARCH REPORT

Internat. I Application No

PCT/US 03/25731

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08L23/06 C08L23/04 C08L23/08 C08J5/18 B32B27/32
B65B53/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08L C08J B32B B65B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 423 420 B1 (VAN LOON ACHIEL JOSEPHUS MARIA ET AL) 23 July 2002 (2002-07-23) abstract; claims 1-31 column 2, line 32 column 3, line 1-36,52-54 table 4	17-50
X	US 6 359 072 B1 (WHALEY PAUL D) 19 March 2002 (2002-03-19) abstract; claims 1-16 column 2, line 6-9 column 3, line 25 -column 6, line 5 column 6, line 21-27,42-47,65-67 tables 1,2,5	1-11, 14-30, 33-43, 46-48



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

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L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

8 January 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 94 06857 A (EXXON CHEMICAL PATENTS INC) 31 March 1994 (1994-03-31) abstract; claims 1-16 page 4, line 10-34 page 5, line 18 page 6, line 6,7 page 8, line 23-36 page 10, line 8-11 -----	46-50
X	WO 01 98372 A (EXXONMOBIL CHEM PATENTS INC ;LAURENT DOUGLAS J (US); PANAGOPOULOS) 27 December 2001 (2001-12-27) the whole document -----	1-11, 14-30, 33-48
A	WO 02 48258 A (EASTMAN CHEM CO) 20 June 2002 (2002-06-20) abstract; claims 1-19 -----	1-50

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Information on patent family members

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